

Special Issue

Smart and Sustainable Energy Grids, Buildings and Cities

Message from the Guest Editors

In this Special Issue, we welcome manuscripts that range from theory to applications and case studies related to smart energy grids where buildings, neighbourhoods, districts, and cities play a role. Review and survey papers are also welcome provided that they offer new insights based on critical analysis and synthesis of the state-of-the-art. Topics of interest include, but are not limited to:

- artificial intelligence;
- building energy management;
- demand side management;
- district and community energy solutions;
- edge and cloud computing;
- energy systems;
- flexibility;
- forecasting;
- internet of Things (IoT);
- modelling and simulation;
- renewable energy;
- sensor networks;
- smart energy grids;
- smart materials.

Guest Editors

Prof. Dr. Monjur Mourshed

Dr. Baris Yuce

Prof. Dr. Mokarram Hossain

Deadline for manuscript submissions

closed (30 November 2021)



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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).